J G. 17 | 1st and final Bill | Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Reference paras 158 & 170

vision Yelahanka | Sub division Yelahanka New Town | **AEE, YSTSD**

Ms received No | YNK-DD No..... Date..... | Sub-divisional / Divisional / Head of account | Cash book vr No. **SBR No: 06/2021-22** Date **Date: 21/4/2021**

heduled Docket No

ame of work(as per sanctioned estimate) :-

Work Code:**004-20-000046**

NAME OF WORK : Providing pipelines to RO plants and Maintenance of exisiting borewells in ward no 04 Yelahanka Satellite Town Sub Division

ame of contractor and full address :-

Sri G Venkategowda, S/o Govindaraju, 83-11, 2nd floor, SFS 12th B Main Road, OMEGA HOSPITAL Yelahanka New Town Bangalore

Reference to agreement No :- **154** | Estimated cost : 10.00 | Work order No:154, 19/11/2020.

Certified that the measurments were taken by me on 6/4/2021 and recorded on pages 180591 to 589 of measurment book No 1026 and the work is satisfactorily executed by the contractor.

Signature of contractor | Asst. Engineer Ramanjeeva

Certified that the measurments were taken by me on 06/04/2021 and recorded correct.The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer 6/4/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಕಛೇರಿ
ಜಿ.ಕೆ.ವಿ.ಕೆ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within	Bill Amount	1656081-00
2) Deduct amount to be held in reserve being-----percent Rs----------%---------	+ GST	198729-00
3) Balance---	Total=	1854810-00
4) Deduct payments	IT	16561-00
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S D No----------Amount	CGST	16561-00
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	SGST	16561-00
Total	LS	18549-00
5) Balance being unpaid value of work done held in reserve	CBF	18550-00
6) Deduct cash of advance made on divisional/sub divisional cash book	LR	21280-00
7) Net amount due to or from contractor.	TD	91367-00
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)	CH	1763443-00
9) Value of government materials supplied		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Dated signature of contractor
paid by me cheque No dated

Cash Rs
Date Initials of officer making payment

Reciept Stamp

Audited & Admitted for Rs. 1854810-00
Eighteen Lakh fifty four thousand Eight hundred ten -
17,63,443-00 by Cheque
and Rs. 91367-00 by adjusement

Date

Asst. Engineer
yelahanka Division
BBMP

Executive Engineer
Exe. Engineer
yelahanka Division
BBMP

Sl No	Items grouped under Sub-heads and sub-works of the estimate	Unit	Previous Measure		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 10 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc , as	Nos			1.00	3500.00	3500.00	1.00	3500.00
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 29/1.1 PRED SR 2006-07 and as per with all lead and lift complete as per specification as per direction of Engineer incharge.	Mtr			50.00	300.00	15000.00	50.00	15000.00
3	50 to 100 m	Mtr			50.00	420.00	21000.00	50.00	21000.00
4	100 to 150 m	Mtr			50.00	420.00	21000.00	50.00	21000.00
5	150 to 200 m	Mtr			50.00	500.00	25000.00	50.00	25000.00
6	200 to 250 m	Mtr			50.00	600.00	30000.00	50.00	30000.00
7	250 to 300 m	Mtr			50.00	650.00	32500.00	50.00	32500.00
8	300 to 350 m	Mtr			50.00	800.00	40000.00	50.00	40000.00

	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per corragandam with all lead and lift complete as per specification as per direction of Engineer incharge.	Rmtr			60.00	1100.00	66000.00	60.00	66000.00
10	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per	mtr			320.00	400.00	128000.00	320.00	128000.00
11	Providing 250mm dia PVC Pipe BWSSB	mtr			12.00	1353.00	16236.00	12.00	16236.00
12	Providing 175 mm dia ms casing cap page	Nos			1.00	107.00	107.00	1.00	107.00
13	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2007-08 3/2008-09 4538/19.01.2009 (1x3x6.00 Sqmm PVC cable)	mtr			650.00	180.00	117000.00	650.00	117000.00
14	Atlanta, Suguna CRI Kirloskaer and other equipment pumps 15.00HP / 11KW (30 stage) P.No XLII No 43	nos			1.00	61000.00	61000.00	1.00	61000.00

15	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia (P No.40, I No. 6.1) KPWD Electrical SR 2019-20	Nos				1	2500.00	2500.00	1.00	2500.00
16	Supplying and Fixing 20"x20"x2.5"polished wood board made up not less than 15mm thick plank with front plank one end providing for olding at other end fixing the same to the valve using tapered bolts and nuts, (P No. 24 No.5.6.6 KPWD Electrical SR 2019-20)	each				1	250.00	250.00	1.00	250.00
17	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp (2CX 10Sqm.mm wire armoured) confirming IS 3975,1990(no.of strip indicated i GTP) AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group A.4 Core 16Sqmm.P No.40/ I No.6.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2019-20	Mtr				30	125.00	3750.00	30.00	3750.00
18	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, P-68 /I.No.11a) KPWD Electrical SR 2007-08	mtr				25	10.00	250.00	25.00	250.00

	Supplying and fixing of procelin fuse channel with e on existing wooden / panel using necessary nuts, bolts and washers , 63 Amps (P No. 44 / I No. 5.7.3 KPWD Electrical SR 2019-20)	each			1	227.00	227.00	1.00	227.00
20	Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications (Page No.95 Item No. 13.62 / PWD SR 2018-19)	Nos			1	1345.14	1345.14	1.00	1345.14
21	Supplying and fixing maniature circuit breakers on existing MCB Distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, Energy cross -3 with short circuit breaking capacity of 10K And Completed wiring confirming to IEC 60898 50-63 Amps TPN (P. No. 27 I No.5.17.9) KPWD Electrical SR 2019-20	Nos			1	2397.00	2397.00	1.00	2397.00
22	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road including cost of materials, labour, HOM complete as per specifications. (P. No.269/ I No 37.38 PWD SR 2018-19)	cum			33.66	450.00	15147.00	33.66	15147.00
23	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m specification, specification No KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2015-16	cum			157.08	300.00	47124.00	157.08	47124.00

24	Supplying PVC ring tight pipes conformin to IS 4980 :2000 With latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect linking at joints testing and commissoning incuding loading and un loading at both destinations and cuts of pipes wherever neccessary including joints of PVC pipes and specificals (excluding cost of pipes)with jointing of approvel type with all labour with all lead and lift incuding encasing the pipe alround to adepth of not less then 15cms with soft gravel or selected earth availble from the excavation etc.., completed and giving necessary hydralic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)(P. No 133 I No 1.4 BWSSB SR 2018-19) 63mm outer dia, 6kg/sqcm & class 5	mtr			374.00	100.00	37400.00	374.00	37400.00
25	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5 m includingcost of all labour complete as per specifications P. No. 7.1/ I No. (2.11) KPWD SR 2018-19	cum			157.08	100.00	15708.00	157.08	15708.00

	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18 of PWD BCSR 2018-19)	cum			51.61	1900.00	98059.00	51.61	98059.00
27	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor.Above 12.5 HP upto 25 HP (P No. 24 / I No.5.2.2 KPWD Electrical SR 2019-20)	Nos			1.00	7000.00	7000.00	1.00	7000.00
28	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	cum			126.50	220.00	27830.00	126.50	27830.00

29	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100	cum			22.54	5100.00	114954.00	22.54	114954.00
30	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., completeexcluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.	cum			37.80	6900.00	260820.00	37.80	260820.00

	KSRRB M2300-14. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including cost of materials, labour, HOM complete as per specifications. MORTH Specification No TMT Bars Fe 500. 1600 & 2200	tonne				2.27	72000.00	163440.00	2.27	163440.00
32	Providing and fixing RCC precast cover slab of 100 mm thic for drain in cement concrete 1:1.5:3 using graded granite jelly 20 mm and down size with steel reinforcement, including form work, lift charges curing and concrete finished surfaces curing and concrete finished surfaces on both sides etc.,	Sqm				108.00	2337.00	252396.00	108.00	252396.00
33	Providing and fixing pre cast solid cement concrete kerb stonesmade out of C.C. 1:2:4 with top and bottom width 114 and 165 mmrespectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete	Nos				67.00	432.48	28976.16	67.00	28976.16

34	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm			9.00	84.80	763.20	9.00	763.20
35	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification	Sqm			20.25	1305.92	26444.88	20.25	26444.88
						TOTAL	1683124.38		1683124.38
						12% GST	201974.93		201974.93
						GRAND TOTAL	1885099.31		1885099.31

Certificate:

Certified that the contractor has work done satisfactorily.

The contractor has removed the debries from work site.

There is no dept. materials issued to the contractor.

Asst. Engineer
Ward no:03

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP, Bangalore-64.